

CONFORMAL COATING APPLICATOR AND METHOD

ABSTRACT OF THE DISCLOSURE

An applicator for dispensing a conformal coating material onto a
5 substrate. The applicator has a body with a nozzle having a dispensing orifice
at a distal end of the body, and assist air is supplied to a location adjacent the
dispensing orifice. A seat is disposed in the nozzle around the dispensing
orifice, and an end of a needle is movable into contact with and through the
seat to terminate a flow of the coating material through the dispensing orifice
10 and eliminate any coating material flow path downstream of the seat. A
needle guide is used to laterally support the needle above the nozzle. The
distal end of a nozzle is the distal end of the applicator and is exposed for
cleaning.